

IN THE CLAIMS:

1.-4. (Cancelled)

3 ~~5~~. (Currently Amended) A composition, comprising the nucleic acid according to ~~claim 2~~ claim ¹~~4~~ or claim ²~~4~~.

6.-10. (Cancelled)

4 ~~11~~. (Currently Amended) A vector comprising a nucleic acid according to any one of claim 2-4 claim ¹~~4~~ or claim ²~~4~~.

11/26/03 5 ~~12~~. (Original) ⁴ An isolated ~~A~~ recombinant cell comprising a vector according to claim ~~11~~.

13.-14. (Cancelled)

6 ~~15~~. (Currently Amended) A kit for the detection of a human PTCH2 gene comprising in a container a nucleic acid according to any one of claims 2 or 4 claim ¹~~4~~ or claim ²~~4~~.

16.-43. (Cancelled).

1 ~~44~~. (Previously Presented) An isolated nucleic acid consisting of the sequence of SEQ ID NO: 5.

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45. (Cancelled)

2-~~46~~. (Previously Presented) An isolated nucleic acid encoding a protein consisting of SEQ ID NO: 1.

47. (Cancelled)